AMENDMENTS TO THE CLAIMS

Claims 1-45 (Cancelled)

Claim 46 (Currently Amended) A measuring method for measuring a jitter of edges of marks and spaces recorded on an ~~An~~ optical storage medium comprising multiple tracks~~,~~ ~~the multiple tracks being formed from one of concentric tracks and spiral tracks,~~ ~~the multiple tracks being~~ for recording information using marks and spaces ~~arranged between the marks~~, wherein each mark has a mark length limited by run length limited (RLL) modulation, the measuring method comprising: ~~and~~

emitting a light beam onto the optical storage medium;

receiving a reflected light beam from the marks and spaces; and

measuring the jitter of the edges not including edges adjacent to one of a shortest mark and a shortest space

~~wherein a playback signal detected by one of an edge of a mark and an edge of a space, not including one of a shortest mark and a shortest space, denotes a first playback signal quality~~.

Claims 47-150 (Cancelled)

Claim 151 (Currently Amended) A reproducing method for reproducing ~~an~~ the optical storage medium according to claim 46 ~~comprising multiple tracks, the multiple tracks being formed from one of concentric tracks and spiral tracks, the multiple tracks being for recording information using marks and spaces arranged between the marks, wherein each mark has a mark~~

~~length limited by run length limited (RLL) modulation, and wherein a playback signal detected by one of an edge of a mark and an edge of a space, not including one of a shortest mark and a shortest space, denotes a first playback signal quality~~, the reproducing method comprising:

emitting a light beam onto the optical storage medium; and

reproducing the marks and spaces.

Claim 152 (Currently Amended) A recording method for recording the information onto ~~the~~ an optical storage medium according to claim 46 ~~comprising multiple tracks, the multiple tracks being formed from one of concentric tracks and spiral tracks, the multiple tracks being for recording information using marks and spaces arranged between the marks, wherein each mark has a mark length limited by run length limited (RLL) modulation, and wherein a playback signal detected by one of an edge of a mark and an edge of a space, not including one of a shortest mark and a shortest space, denotes a first playback signal quality~~, the recording method comprising:

forming ~~the~~ marks and the spaces ~~located between the marks~~ by emitting a light beam ~~to~~ onto the optical storage medium; and

recording the information using the marks and the spaces.